PONTAX
Zero Tolerance Equipments

3D PRINTING

ADVANCED INDUSTRIAL ADDITIVE MANUFACTURING SOLUTION



HIGH PRECISION
Exceptional accuracy for real applications

INDUSTRIAL PERFORMANCE
Reliable, productive and built for industry

MATERIAL COMPATIBILITY
Wide range of high-performance materials

SCALABLE SOLUTIONS
From R&D to full-scale production

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

Industrial 3D Printer
www.indotara.co.id

PONTAX
Zero Tolerance Equipments

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PONTAX
Zero Tolerance Equipments

COMPACT INDUSTRIAL

PF-220

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Compact 220×220×250 mm Build Volume
- High-Speed Printing up to 600 mm/s
- Max. 330°C Nozzle Temperature
- Heated Bed up to 120°C
- Ideal for Small Prototypes & Educational Use

APPLICATION

- Education Models
- Small Prototypes
- Product Samples
- Small Jigs

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-220
Printing Size	220 x 220 x 250 mm
Machine Size	402 x 420 x 543 mm
Printing Speed	≤ 600 mm/s
Nozzle Temperature	Max. 330°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

COMPACT INDUSTRIAL

PF-334

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Larger 300×300×400 mm Build Volume
- High-Speed Printing up to 600 mm/s
- Max. 330°C Nozzle Temperature
- Heated Bed up to 120°C
- Suitable for Medium-Sized Functional Parts

APPLICATION

- Functional Prototypes
- Engineering Parts
- Small Automotive Components
- Tooling

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-334
Printing Size	300 x 300 x 400 mm
Machine Size	460 x 460 x 760 mm
Printing Speed	≤ 600 mm/s
Nozzle Temperature	Max. 330°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

COMPACT INDUSTRIAL

PF-445

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Spacious 400×400×500 mm Build Volume
- High-Speed Printing up to 600 mm/s
- Max. 330°C Nozzle Temperature
- Heated Bed up to 120°C
- Ideal for Larger Engineering Prototypes

APPLICATION

- Medium-Large Prototypes
- Automotive Components
- Jigs & Fixtures
- Medical Models

WIDE MATERIAL COMPATIBILITY



EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-445
Printing Size	400 x 400 x 500 mm
Machine Size	580 x 550 x 920 mm
Printing Speed	≤ 600 mm/s
Nozzle Temperature	Max. 330°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

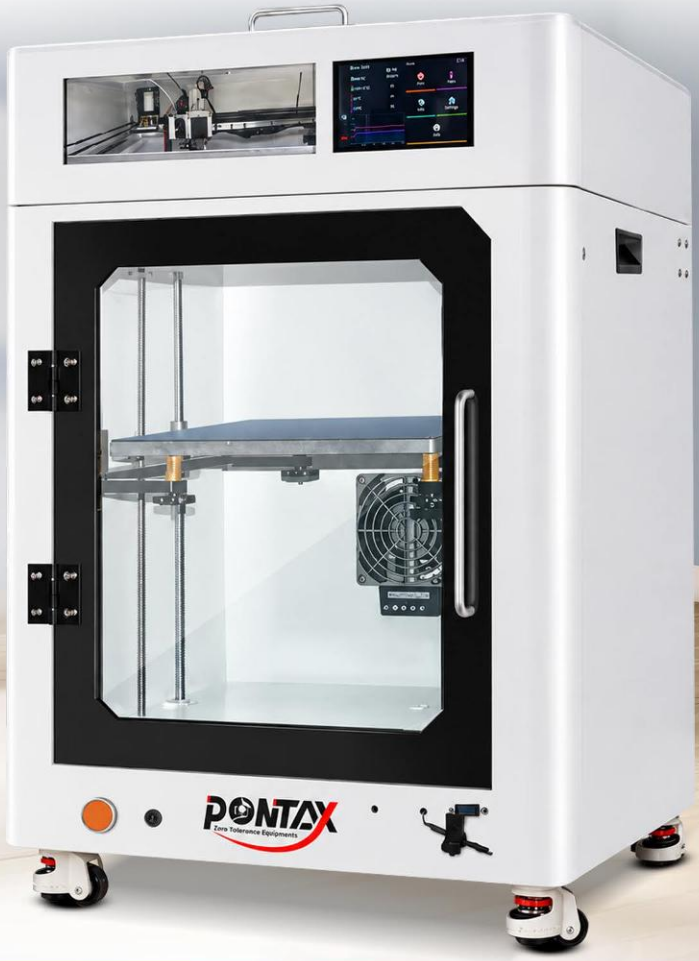
PONTAX
Zero Tolerance Equipments

INDUSTRIAL 3D PRINTER

PF-3040

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- 300×300×400 mm Build Volume
- Printing Speed up to 500 mm/s
- Max. 330°C Nozzle Temperature
- Heated Bed up to 120°C
- Fully Enclosed Professional Printing Platform

APPLICATION

Engineering Prototypes | Functional Parts | Tooling | Fixtures | Small-Batch Production

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-3040
Printing Size	300 x 300 x 400 mm
Machine Size	600 x 550 x 950 mm
Printing Speed	≤ 500 mm/s
Nozzle Temperature	Max. 330°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

INDUSTRIAL 3D PRINTER

PF-5060

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Large 500×500×600 mm Build Volume
- High-Speed Printing up to 600 mm/s
- Max. 320°C Nozzle Temperature
- Heated Bed up to 120°C
- Designed for Large Functional Prototypes

APPLICATION

- Large Functional Prototypes
- Automotive Parts
- Industrial Tooling
- Medical Orthoses
- Large Fixtures

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-5060
Printing Size	500 x 500 x 600 mm
Machine Size	680 x 730 x 1210 mm
Printing Speed	30-600 mm/s
Nozzle Temperature	Max. 320°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

LARGE FORMAT 3D PRINTER

PF-6610

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Extra-Tall 600×600×1000 mm Build Volume
- Large-Format FDM Printing
- Printing Speed up to 300 mm/s
- Max. 320°C Nozzle Temperature
- Ideal for Tall & Large-Scale Parts

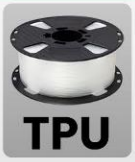
APPLICATION

Tall Prototypes | Mannequins | Display Models | Furniture Components | Large Industrial Parts

WIDE MATERIAL COMPATIBILITY


PLA


ABS


TPU

MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-6610
Printing Size	600 x 600 x 1000 mm
Machine Size	930 x 1200 x 1670 mm
Printing Speed	30-300 mm/s
Nozzle Temperature	Max. 320°C
Heated Bed Temperature	Max. 120°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

LARGE FORMAT 3D PRINTER

PF-1000S

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Massive 1000×1000×1000 mm Build Volume
- Optimized for Sculpture Applications
- Printing Speed up to 350 mm/s
- Max. 310°C Nozzle Temperature
- Ideal for Full-Scale Models & Sculptures

APPLICATION

Sculptures | Art Installations | Statues | Mannequins | Large Display Models | Decorative Objects

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-1000S
Printing Size	1000 x 1000 x 1000 mm
Machine Size	1570 x 1300 x 1910 mm
Printing Speed	30-350 mm/s
Nozzle Temperature	Max. 310°C
Heated Bed Temperature	Max. 110°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

LARGE FORMAT 3D PRINTER

PF-1000I

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Industrial 1000×1000×1000 mm Build Volume
- Designed for Large Industrial Components
- Printing Speed up to 350 mm/s
- Max. 310°C Nozzle Temperature
- Suitable for Full-Scale Functional Prototypes

APPLICATION

- Large Jigs & Fixtures
- Automotive Components
- Industrial Prototypes
- Tooling, End-Use Parts

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-1000I
Printing Size	1000 x 1000 x 1000 mm
Machine Size	1570 x 1300 x 1910 mm
Printing Speed	30-350 mm/s
Nozzle Temperature	Max. 310°C
Heated Bed Temperature	Max. 110°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

LARGE FORMAT 3D PRINTER

PF-2350D

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Ultra-Large 2350×1000×750 mm Build Volume
- Dual-Nozzle Printing System
- Max. 350°C Nozzle Temperature
- Printing Speed up to 300 mm/s
- Designed for Extra-Large Industrial Parts

APPLICATION

Full-Scale Prototypes | Large Automotive Parts | Furniture | Large Tooling | Architectural Models | Industrial Components

WIDE MATERIAL COMPATIBILITY

PLA | ABS | TPU | MORE

EXPLORE MORE POSSIBILITIES

Power Loss Recovery
Resume printing automatically after power interruption.

Color Touch Screen
Intuitive touchscreen control and real-time monitoring.

Built-in LED Lighting
Clear internal lighting for easy print monitoring.

Air Purifier
Helps filter particles and odors during printing.

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PF-2350D
Printing Size	2350 x 1000 x 750 mm
Machine Size	3420 x 1920 x 2150 mm
Printing Speed	300 mm/s
Nozzle Temperature	Max. 350°C
Heated Bed Temperature	Max. 100°C

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

METAL PRINTERS



Pontax Metal Printer is an additive manufacturing machine designed to produce metal components directly from 3D digital designs using advanced metal 3D printing technology.
It creates metal parts layer by layer using metal materials such as stainless steel, titanium, aluminum, and alloy powders, enabling high-precision manufacturing of complex geometries with efficient material usage.

MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

EASIER

Self-developed Software
- Easy navigation
- Tailored printing packages

Kings services
- Thorough consultation
- Complete tech supports

Modular design
- Simple trouble-shooting
- Flexible layout

Fully-up piston
- Easy powder replacement
- Avoid powder mixture

PONTAX
Zero Tolerance Equipments

METAL PRINTERS

FLEXIBLE COMPACT PRINTERS

METAL SLM SERIES



Pontax Flexible Compact Printers are compact and flexible industrial 3D printing machines designed to produce three-dimensional components directly from digital designs using advanced additive manufacturing technology. They are suitable for prototyping, research, small-scale manufacturing, and precision component production with various printing material options.

With a space-saving design, flexible operation, and efficient printing capability, Pontax Flexible Compact Printers enable users to create complex geometries with optimized material usage, faster production processes, and consistent print quality.

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-100E

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Compact Metal 3D Printing System
- High Precision 300W Laser Processing
- Efficient Powder Feeding Design
- Small Metal Part Production

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-100E
External Dimension	630 x 700 x 1000 mm
Build Size	Ø120 x 80 mm (Ø4.72 x 3.15 in)
Laser Type	Domestic Laser 300W x 1
Powder Delivery	Top Powder Supply & One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-100H

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Compact Metal 3D Printing System
- High Precision 300W Laser Processing
- Efficient Powder Feeding Design
- Small Metal Part Production

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-100H
External Dimension	630 x 700 x 1000 mm
Build Size	Ø120 x 80 mm (Ø4.72 x 3.15 in)
Laser Type	IPG Laser 300Wx 1
Powder Delivery	Top Powder Supply & One-Way Powder Feeding

EDUCATION
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PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-150E

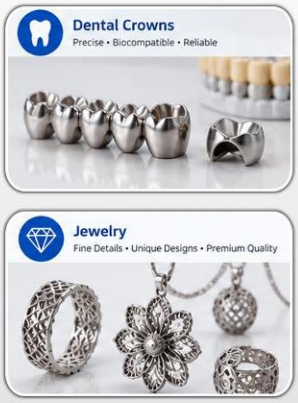
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Medium Size Metal Printing Platform
- Up to 500W Laser Performance
- Advanced Powder Feeding System
- Medical & Engineering Applications

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-150E
External Dimension	1280 x 860 x 1780 mm
Build Size	150 x 150 x 150 mm (5.91 x 5.91 x 5.91 in)
Laser Type	Domestic Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-150ED

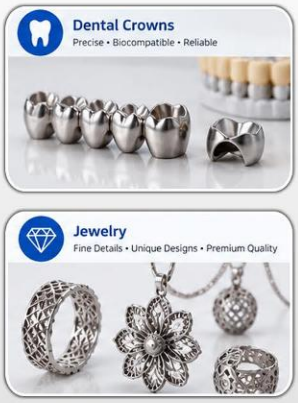
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Medium Size Metal Printing Platform
- Up to 500W Laser Performance
- Advanced Powder Feeding System
- Medical & Engineering Applications

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-150ED
External Dimension	1280 x 860 x 1780 mm
Build Size	150 x 150 x 150 mm (5.91 x 5.91 x 5.91 in)
Laser Type	Domestic Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-150H

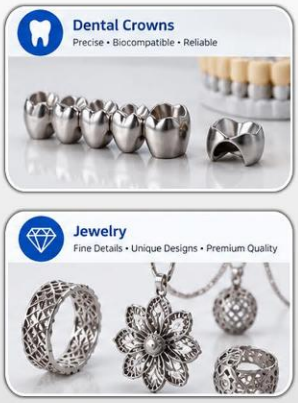
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Medium Size Metal Printing Platform
- Up to 500W Laser Performance
- Advanced Powder Feeding System
- Medical & Engineering Applications

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-150ED
External Dimension	1280 x 860 x 1780 mm
Build Size	150 x 150 x 150 mm (5.91 x 5.91 x 5.91 in)
Laser Type	IPG Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-150HD

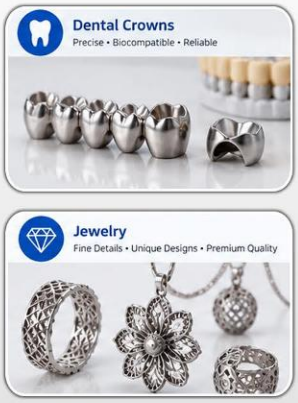
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Medium Size Metal Printing Platform
- Up to 500W Laser Performance
- Advanced Powder Feeding System
- Medical & Engineering Applications

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-150HD
External Dimension	1280 x 860 x 1780 mm
Build Size	150 x 150 x 150 mm (5.91 x 5.91 x 5.91 in)
Laser Type	IPG Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-150T

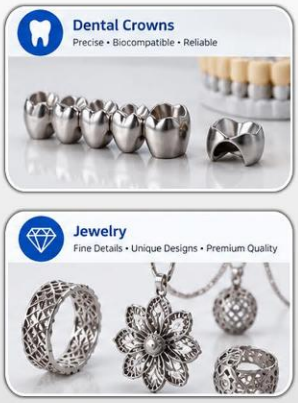
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Medium Size Metal Printing Platform
- Up to 500W Laser Performance
- Advanced Powder Feeding System
- Medical & Engineering Applications

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-150T
External Dimension	1503 x 965 x 1798 mm
Build Size	150 x 120 x 120 mm (5.91 x 5.91 x 4.72 in)
Laser Type	Domestic Laser 500W x 2
Powder Delivery	Triple-Cylinder Bidirectional Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-280E

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Large Industrial Build Volume
- Dual Laser High-Speed Printing
- High Efficiency Powder Management
- Complex Metal Component Manufacturing

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-280E
External Dimension	1650 x 1100 x 2150 mm
Build Size	250 x 250 x 320 mm (9.84 x 9.84 x 12.6 in)
Laser Type	Domestic Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-280ED

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Large Industrial Build Volume
- Dual Laser High-Speed Printing
- High Efficiency Powder Management
- Complex Metal Component Manufacturing

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

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- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-280ED
External Dimension	1650 x 1100 x 2150 mm
Build Size	250 x 250 x 320 mm (9.84 x 9.84 x 12.6 in)
Laser Type	Domestic Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-280H

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Large Industrial Build Volume
- Dual Laser High-Speed Printing
- High Efficiency Powder Management
- Complex Metal Component Manufacturing

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-280H
External Dimension	1650 x 1100 x 2150 mm
Build Size	250 x 250 x 320 mm (9.84 x 9.84 x 12.6 in)
Laser Type	IPG Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

FLEXIBLE COMPACT PRINTERS

PM-280HD

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Large Industrial Build Volume
- Dual Laser High-Speed Printing
- High Efficiency Powder Management
- Complex Metal Component Manufacturing

APPLICATION









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

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- High precision & fine details
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Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-280HD
External Dimension	1650 x 1100 x 2150 mm
Build Size	250 x 250 x 320 mm (9.84 x 9.84 x 12.6 in)
Laser Type	IPG Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

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Reliable tools for real work

PONTAX
Zero Tolerance Equipments

METAL PRINTERS

ADVANCED MID-RANGE PRINTERS

METAL SLM SERIES



Pontax Advanced Mid-Range Printers are advanced mid-range printing machines designed to deliver high-quality prints with optimal precision, speed, and efficiency. These printers offer more sophisticated technology than standard printers, making them suitable for professional applications, prototyping, medium-scale production, and industrial applications that require consistent and accurate printing results.

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-300E

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Single or Dual 500W Laser Configuration
- Domestic or IPG Laser Options
- Double-Cylinder Powder Feeding System
- Precision Printing for Complex Metal Components



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-300E
External Dimension	2460 x 1300 x 2200 mm
Build Size	300 x 300 x 350 mm
Laser Type	Domestic Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-300ED

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Single or Dual 500W Laser Configuration
- Domestic or IPG Laser Options
- Double-Cylinder Powder Feeding System
- Precision Printing for Complex Metal Components



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-300ED
External Dimension	2460 x 1300 x 2200 mm
Build Size	300 x 300 x 350 mm
Laser Type	Domestic Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-300H

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Single or Dual 500W Laser Configuration
- Domestic or IPG Laser Options
- Double-Cylinder Powder Feeding System
- Precision Printing for Complex Metal Components



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

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- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-300H
External Dimension	2460 x 1300 x 2200 mm
Build Size	300 x 300 x 350 mm
Laser Type	IPG Laser 500W x 1
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-300HD

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Single or Dual 500W Laser Configuration
- Domestic or IPG Laser Options
- Double-Cylinder Powder Feeding System
- Precision Printing for Complex Metal Components



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

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- Optical system protection

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- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-300HD
External Dimension	2460 x 1300 x 2200 mm
Build Size	300 x 300 x 350 mm
Laser Type	IPG Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-480ED

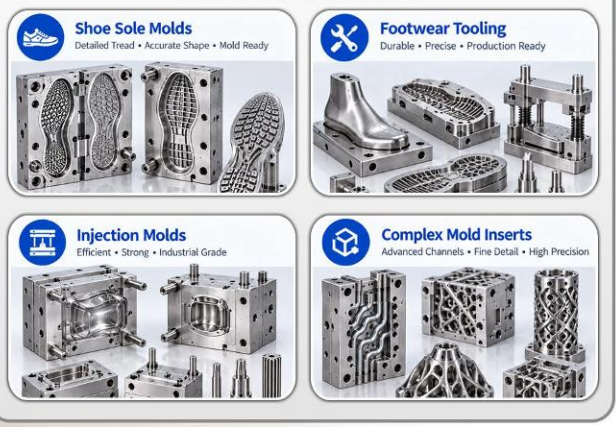
Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Dual 500W Laser System
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Efficient Operation



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-480ED
External Dimension	1960 x 1150 x 2850 mm
Build Size	480 x 320 x 300 mm
Laser Type	Domestic Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-480HD

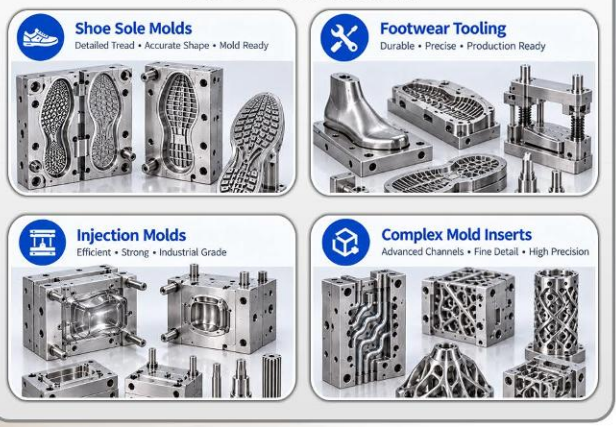
Additive Manufacturing for Prototyping, Tooling and Production



A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE

- Dual 500W Laser System
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Efficient Operation

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
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High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-480HD
External Dimension	1960 x 1150 x 2850 mm
Build Size	480 x 320 x 300 mm
Laser Type	IPG Laser 500W x 2
Powder Delivery	Double Cylinders One-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-450E

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE



- 2, 4, or 6 × 500W Laser Configurations
- Domestic or IPG Laser Options
- Top Powder Supply System
- Designed for Large and Complex Metal Components

APPLICATION



MORE ECONOMIC

- **Thermal Control System**
  - Reliable water chiller
  - Prolong printer lifespan
- **Compact size**
  - Space-saving
  - Low production costs
- **Seamless printing chamber**
  - Avoid metal oxidation
  - Better printing quality
- **High Printing Speed**
  - Operating costs saving
  - Faster turnaround time

MORE EFFICIENT

- **High-end optical components**
  - High precision & fine details
  - High printing quality
- **Double airflow fields**
  - Enhanced printing outcome
  - Optical system protection
- **Self-developed materials**
  - Extensive variety
  - Cost-effective & efficient
- **Upgraded air filtration system**
  - Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-450E
External Dimension	4500 × 2800 × 3700 mm
Build Size	450 × 450 × 500 mm
Laser Type	Domestic Laser 500W × 2 / 4 / 6
Powder Delivery	Top Powder Supply & One-Way Powder Feeding

EDUCATION Turn ideas into learning

BUSINESS From prototype to production

PROFESSIONAL Reliable tools for real work

PONTAX
Zero Tolerance Equipments

ADVANCED MID-RANGE PRINTERS

PM-450H

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE



- 2, 4, or 6 × 500W Laser Configurations
- Domestic or IPG Laser Options
- Top Powder Supply System
- Designed for Large and Complex Metal Components

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-450H
External Dimension	4500 × 2800 × 3700 mm
Build Size	450 × 450 × 500 mm
Laser Type	IPG Laser 500W × 2 / 4 / 6
Powder Delivery	Top Powder Supply & One-Way Powder Feeding

EDUCATION Turn ideas into learning

BUSINESS From prototype to production

PROFESSIONAL Reliable tools for real work

PONTAX
Zero Tolerance Equipments

METAL PRINTERS

EFFCIENT LARGE-FORMAT PRINTERS

METAL SLM SERIES



Pontax Efficient Large-Format Printers are high-efficiency, large-format printing machines designed to produce large-scale prints with optimal precision, speed, and quality. These printers offer greater production capacity, efficient material utilization, and stable performance, making them suitable for industrial applications, large-scale prototyping, complex component production, and professional manufacturing.

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT
PRINTERS

PM-450F

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE

- Large 450 x 370 x 400 mm Build Volume
- Quad 500W Laser System
- Intelligent Dynamic Powder Feeding
- Bidirectional Powder Feeding System
- Complex Metal Component Production



APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-450F
External Dimension	4200 x 2350 x 2520 mm
Build Size	450 x 370 x 400 mm
Laser Type	Domestic Laser 500W x 4
Powder Delivery	Top Powder Supply & Bidirectional Intelligent Dynamic Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT PRINTERS

PM-650E

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Massive 625 x 625 x 650 mm Build Volume
- Powerful 4 or 8 × 500W Laser Configuration
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Large-Scale Production

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-650E
External Dimension	5500 x 4750 x 5490 mm
Build Size	625 x 625 x 650 mm
Laser Type	Domestic Laser 500W x 4
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT PRINTERS

PM-650ED

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Massive 625 x 625 x 650 mm Build Volume
- Powerful 4 or 8 × 500W Laser Configuration
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Large-Scale Production

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-650ED
External Dimension	5500 x 4750 x 5490 mm
Build Size	625 x 625 x 650 mm
Laser Type	Domestic Laser 500W x 8
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT PRINTERS

PM-650H

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE



- Massive 625 x 625 x 650 mm Build Volume
- Powerful 4 or 8 × 500W Laser Configuration
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Large-Scale Production

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
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MORE EFFICIENT

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Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-650H
External Dimension	5500 x 4750 x 5490 mm
Build Size	625 x 625 x 650 mm
Laser Type	IPG Laser 500W x 4
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT PRINTERS

PM-650HD

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE



- Massive 625 x 625 x 650 mm Build Volume
- Powerful 4 or 8 × 500W Laser Configuration
- Domestic or IPG Laser Options
- Top Powder Supply System
- Two-Way Powder Feeding for Large-Scale Production

APPLICATION



MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
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- Avoid metal oxidation
- Better printing quality

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MORE EFFICIENT

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Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-650HD
External Dimension	5500 x 4750 x 5490 mm
Build Size	625 x 625 x 650 mm
Laser Type	IPG Laser 500W x 8
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

EDUCATION Turn ideas into learning

BUSINESS From prototype to production

PROFESSIONAL Reliable tools for real work

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT
PRINTERS

PM-800

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE
FOR EDUCCATION,BUSSINESS,
AND PROFESSIONAL USE









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE
FOR REAL SOLUTION

Model	PM-800
External Dimension	8800 x 5600 x 4600 mm
Build Size	850 x 850 x 850 mm
Laser Type	IPG Laser 500W x 9
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

EDUCATION
Turn ideas into learning

BUSINESS
From prototype to production

PROFESSIONAL
Reliable tools for real work

PONTAX
Zero Tolerance Equipments

EFFCIENT LARGE-FORMAT PRINTERS

PM-1200

Additive Manufacturing for Prototyping, Tooling and Production

A RELIABLE CHOICE FOR EDUCCATION,BUSSINESS, AND PROFESSIONAL USE



- Large 450 x 370 x 400 mm Build Volume
- Quad 500W Laser System
- Intelligent Dynamic Powder Feeding
- Bidirectional Powder Feeding System
- Complex Metal Component Production









MORE ECONOMIC

Thermal Control System
- Reliable water chiller
- Prolong printer lifespan

Compact size
- Space-saving
- Low production costs

Seamless printing chamber
- Avoid metal oxidation
- Better printing quality

High Printing Speed
- Operating costs saving
- Faster turnaround time

MORE EFFICIENT

High-end optical components
- High precision & fine details
- High printing quality

Double airflow fields
- Enhanced printing outcome
- Optical system protection

Self-developed materials
- Extensive variety
- Cost-effective & efficient

Upgraded air filtration system
- Filtration rate 99.90%

TECHNICAL DATA

RELIABLE PERFORMANCE FOR REAL SOLUTION

Model	PM-1200
External Dimension	6360 x 4630 x 3870 mm
Build Size	1200 x 800 x 800 mm
Laser Type	Domestic Laser 500W x 8
Powder Delivery	Top Powder Supply & Two-Way Powder Feeding

EDUCATION Turn ideas into learning

BUSINESS From prototype to production

PROFESSIONAL Reliable tools for real work

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PT. INDOTARA PERSADA

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sales-mdn@indotara.id



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Makassar Office

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